

SEQUENCE LISTING

<110> SUGIYAMA, Hiroshi
BANDO, Toshikazu

<120> Novel Indole Derivative For Alkylating Specific Base Sequence
Of DNA And Alkylating Agent And Drug Containing The Derivative

<130> Q96589

<140> US 10/598,789

<141> 2006-09-12

<150> JP 2004-114793

<151> 2004-03-13

<150> PCT/JP05/04250

<151> 2005-03-10

<160> 19

<170> PatentIn

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<211> 450

<212> DNA

<213> Artificial Sequence

<220>

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caaaaatcga	cgtctcaagtc	agagggtggcg	aaaccgcgac	ggactataaa	gataccaggc	180
gtttcccccct	ggaagctccc	tcgtgcgctc	tcctgttccg	accctggccg	ttaccggata	240
cctgtccgcc	tttctccctt	cggaagcgt	ggcgctttct	caatgctcac	gctgtaggta	300
tctcagttcg	gtgtagggtcg	ttcgctccaa	gctgggctgt	gtgcacgaac	ccccggttca	360
gcccgcgcg	tgcgccttat	ccggtaaact	tcgtcttgag	tccaaccgcg	taagacacga	420
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<210> 3

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<212> DNA

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<223> Synthetic construct

<400> 3

ttaccagtgg ctgctgccag

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tcagtgcg	aggaagcgga	agagcgccca	atacgcaaac	cgccctctcc	cgcgcgttgg	180
cggattcatt	aatgcagctg	gcacgacagg	tttcccgact	ggaaagcggg	cagtgagcgc	240
aacgcaatta	atgtgagtta	gtcactcat	taggcacccc	aggctttaca	ctttatgctt	300
ccggctcgta	tgtgtgtgtg	aattgtgagc	ggataacaat	ttcacacagg	aaacagctat	360
gaccatgatt	acgaattcga	gtcgggtacc	cggggatcct	ctagagtcga	cctgcaggca	420
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gctcacaaat	ccacacaaca	tacgagccgg	aagcataaag	tgtaaagcct	gggggtgccta	180

(2/6)

atgagtgagc	taactcacat	taattgcgtt	gcgctcactg	cccgctttcc	agtcgggaaa	240
ccgtgcgtgc	cagctgcatt	aatgaatcgg	ccaacgcgcg	gggagaggcg	gtttgcgtat	300
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cgtttaacca	gaccagcgag	tcactcagcg	cactgggttaa	ggcgggggta	agcgggtgagg	180
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gcagctgtta	caaactcaag	aaggaccatg	tggctctctt	tttcgttggg	atctttcgaa	180
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gagttatagt	tgtattccaa	tttgtgtccc	agaatgttgc	catcttcctt	gaagtcaata	420
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gcactcttga	aaaagtcatg	cgttttcata	tgatccgggt	atcttgaaaa	gcattgaaca	600
ccatagcaca	gagtagtgac	tagtgtttggc	catggaacag	gcagtttgcc	agtagtcgac	660
atgaacctta	gggtaagttt	tccgtatgtt	gcatcacctt	cacctctctc	actgacagag	720
aacttgtggc	cgttaacatc	accatctaata	tcaacaagaa	ttgggacaac	tccagtgaa	780
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ctagagggga	attgttatcc	gctcaccaatt	ccctatagat	gagtcgtatt	aatttcgctg	900
gatcgagatc	tcgatccctt	acgccggacg	catcgtggcc	ggcatcaccg	gcgccacag	960
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ggtgatgtcg gcgatatagg 20

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<400> 13

ccccaaagggg ttatgctagt 20

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caccatgggtg	tctgtttgag	gttgctagtg	aacacagttg	tgtcagaagc	aaatgtaagc	600
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tgatgcc						727

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cccattctaa actgtaccct 20

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<210> 17
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taaccctaac	cctaacccta	accctaacc	taaccctaac	cctaacccta	accctaacc	240
taaccctaac	cctaacccta	accctaacc	gggtcatagc	gttttcctga	agccgaattc	300
cagcacactg	gcggccgtta	ctagtggatc	cgagctcggt	accaagcttg	gcgtaatcat	360
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ccggaagcat	aaagtgtaaa	gcctgg				446

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ggccagtga ttgtaatacg 20

<210> 19
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20